



# **BAAQMD Climate Protection Leadership Program**

**Joint Policy Committee  
March 17, 2006**



# Why an Air District Climate Program?

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- Regional leadership needed on critical environmental issue
- Higher temperatures increase emissions
- Continued warming could erode air quality improvements
- Fossil fuel combustion is main source of GHGs and criteria, toxic air pollutants
- Co-benefits of control strategies
  - Energy efficiency
  - Transportation control measures
  - Smart growth
  - Low emission vehicles



# District's First Steps

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- Board of Directors resolution establishing climate protection program June 2005
- Joined regional and State efforts
  - Sustainable Silicon Valley
  - California Climate Action Registry
- Sponsored events
  - AWMA Climate Change Conference
  - California Climate Action Registry annual conference
  - World Environment Day 2005
- Sponsored projects
  - Energy efficiency project in Southeast San Francisco
- Ad Hoc Committee on Climate Protection
- Created an informational web site



# Ongoing Activity in CA & Bay Area

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- State efforts
  - Governor's GHG targets
  - Climate Action Team Report
  - Pavley Bill – ARB rules for motor vehicles
  - California Climate Action Registry
- Local efforts
  - Sonoma, Marin, San Francisco, Alameda counties
  - Various cities
  - ICLEI
  - Sustainable Silicon Valley



# **BAAQMD Climate Protection Leadership Program**

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- **Six Initiatives**
  - Climate Protection Summit
  - GHG Technology RFP
  - Bay Area GHG Emission Inventory
  - Promotion of Energy Efficiency
  - In-house GHG Emission Reductions
  - Green Schools
- **Integration with District activities**



# Climate Protection Summit

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- Purpose of Summit
  - Inspire climate protection programs
  - Improve coordination
  - Identify stronger State or federal actions
- Steering Committee assisting with Summit planning



# GHG Technology RFP

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- Research emission reduction technologies
- Competitive request for proposal process
- Study complete by March 2007
- Encourage GHG reductions through outreach efforts and financial incentives



# Bay Area GHG Emission Inventory

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- Publish GHG emissions data for Bay Area and counties
- Available in mid-2006 with periodic updates
- Inventory will serve as an educational and tracking tool





# Promotion of Energy Efficiency

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- Implement Stationary Source Control Measure 15, “Promote Energy Efficiency”
- Measure intended to link air quality to greenhouse gas emissions and energy conservation
- Possible components:
  - Public education
  - Implementation of energy efficient projects
  - Development of best practices documents



# In-house GHG Emission Reductions

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- Use in-house inventory
- Reduce electricity and fuel consumption related to District activities
- Potential strategies:
  - HVAC equipment and use
  - Fleet vehicles and use
  - Efficient office equipment and use
  - Transit Subsidy



# Green Schools

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- Identify sources of greenhouse gas emissions at schools
- Identify reduction strategies
- Provide educational opportunities to students
- Potential State and federal partnerships
- Potential financing or incentive programs
- Evaluation of greenhouse sources mid 2007



# Further Integration with District Activities

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- Consideration of greenhouse gas emission reduction benefit as criteria in Transportation Fund for Clean Air grant awards
- Integration of climate protection in District CEQA guidelines
- Integration of climate protection in general plan guidelines
- Greenhouse gas emissions tracking through permitting processes



# Opportunities for JPC

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- Collaboration on Summit
- Smart Growth
  - Regional Blueprint Planning Program
  - Transportation/Land Use Platform
  - TLC/HIP
  - Regional Corridor Program
- Green Business Program
- Public Education
- Integrate into ABAG, BAAQMD, MTC programs